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Substitute for form 1449/PTO

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Complete if Known

Application Number	10/756,802
Filing Date	January 13, 2004
First Named Inventor	BAMDAD, Cynthia C
Art Unit	1634
Examiner Name	FORMAN, BETTY J
Attorney Docket Number	M1015.7007US01

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS				
Examiner Initials*	Cite No.*	Foreign Patent Document Country Code ³ /Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		WO 06/33079	06-06-2006	Nanosphera LLC
		WO 00/43791	07-27-2000	Miraca Diagnostics Corporation
/BF/		WO 99/45149	09-10-1999	Lifespan Biosciences, Inc.
		JP 10 507367A	07-21-1998	Lynx Therapeutics, Inc.

Examiner

/Betty Forman/

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03/15/2010

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				Examiner Name	FORMAN, BETTY J
Sheet	2	of	3	Attorney Docket Number	M1015.70070US01

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
ABSTRACT ONLY	C1	Wiebe, Li, "Drug Delivery Systems—Fifth US-Japan Symposium 12-17 December 1999, Lahaina, Hawaii," [Drugs, 2000 March; 3(3):271-8]	
/BF/	C2	Sachdeva, MS, "Drug targeting systems for cancer chemotherapy," Expert Opin Investig Drugs, 1998 Nov; 7 (11):1849-64.	
	C3	Demers, LM, et al., "A fluorescence-based method for determining the surface coverage and hybridization efficiency of thiol-capped oligonucleotides bound to gold thin films and nanoparticles," Anal Chem, 2000 Nov 15; 72(22):5535-41.	
	C4	Taton, TA, et al., "Scanometric DNA array detection with nanoparticle probes," Science, 2000 Sep 8; 289 (5485):1757-60.	
	C5	Lin, L, et al., "Study on colloidal Au-enhanced DNA sensing by quartz crystal microbalance," Biochem Biophys Res Commun., 2000 Aug 11; 274(3):817-20.	
	C6	Barratt, GM, "Therapeutic applications of colloidal drug carriers," Pharm Sci Technolo Today, 2000 May; 3 (5):163-171.	
	C7	Letsinger, RL, et al., "Use of a steroid cyclic disulfide anchor in constructing gold nanoparticle-oligonucleotide conjugates," Bioconjug Chem., 2000 Mar-Apr, 11(2):289-91.	
	C8	Tondelli, L, et al., "Specifically designed polymers nanospheres increase cellular uptake of unmodified antisense ODNs," Nucleosides & Nucleotides, 1999 Jun-July; 18(6-7):1677-9.	
	C9	Zimmer, A., "Antisense oligonucleotide delivery with polyhexylcyanoacrylate nanoparticles as carriers," Methods, 1999 Jul; 18(3):286-95, 322.	
	C10	Aynie, I., et al. "Spongelike alginate nanoparticles as a new potential system for the delivery of antisense oligonucleotides," Antisense Nucleic Acid Drug Dev., 1999 Jun; 9(3):301-12.	

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Sheet	3	of	3	Attorney Docket Number	M1015.70070US01

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²		
/BF/	C11	Maier et al., "Quantitation of phosphorothioate oligonucleotides in human blood plasma using a nanoparticle-based method for solid-phase extraction," <i>Anal Chem.</i> , 1998 Jun 1; 70(11):2197-204			
	C12	Fritz, H., et al., "Cationic Polystyrene Nanoparticles: Preparation and Characterization of a Model Drug Carrier System for Antisense Oligonucleotides," <i>J Colloid Interface Sci.</i> , 1997 Nov 15; 195(2): 272-88.			
	C13	Zobel, HP, et al., "Cationic polyhexylcyanoacrylate nanoparticles as carriers for antisense oligonucleotides," <i>Antisense Nucleic Acid Drug Dev.</i> , 1997 Oct; 7(5):483-93.			
	C14	Elghanian, R., et al., "Selective colorimetric detection of polynucleotides based on the distance-dependent optical properties of gold nanoparticles," <i>Science</i> , 1997 Aug 22; 277(5329):1078-81.			
	C15	Schwab, G. et al., "Antisense oligonucleotides adsorbed to polyalkylcyanoacrylate nanoparticles specifically inhibit mutated H-ras-mediated cell proliferation and tumorigenicity in nude mice," <i>Proc Natl Acad Sci USA</i> , 1994 Oct 25; 91(22):10460-4.			
	C16	Battersby, BJ, et al., "Toward Larger Chemical Libraries: Encoding with Fluorescent Colloids in Combinatorial Chemistry," <i>J. Am. Chem. Soc.</i> , 2000; I22:2138-2139.			
	C17	Coester, C., et al., "Preparation of avidin-labelled gelatin nanoparticles as carriers for biotinylated peptide nucleic acid (PNA)," <i>Int. J. Pharm.</i> , 2000 March; 196: 147-149.			
▼	C18	Shai, et al., "Atomic force microscopy of oriented linear DNA molecules labeled with 5nm gold spheres," <i>Nucleic Acids Research</i> , 1993; 21(1):99-103.			

Examiner Signature	/Betty Forman/	Date Considered	03/15/2010
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